**MAP4C Data Management Mini Project**

**This will be assessed for completion only**

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| **OVERALL EXPECTATIONS**   1. collect, analyse, and summarize two-variable data using a variety of tools and strategies, and interpret and draw conclusions from the data; 2. demonstrate an understanding of the applications of data management used by the media and the advertising industry and in various occupations. |

Please begin a Google Doc titled: YOUR NAME \_ DATA MINI PROJECT and share with me at [katie.vlug@ocdsb.ca](mailto:katie.vlug@ocdsb.ca) so I have editing privileges.

Look up the following types of bias:

* Sampling Bias
* Response Bias
* Non-response bias
* Voluntary response bias

Define the following:

* Validity
* One variable data
* Two variable data
* Correlation
* Index

Looking back to your survey and the data you collected, answer the following:

1. What types of bias were present in your survey?
2. How would you eliminate the bias in your survey?
3. What type of data did you present? (1 or 2 variable) How do you know?

Find a good survey online. Describe its qualities.

Find a bad survey online. Describe its qualities.

Name 2 careers that use statistics and describe the education needed to enter that career path.